

FIGURE 1

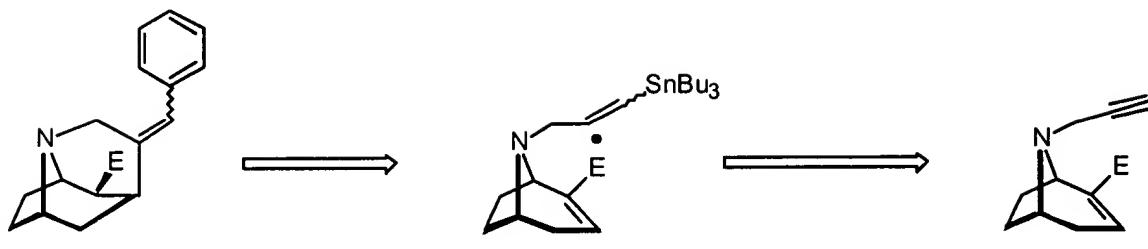
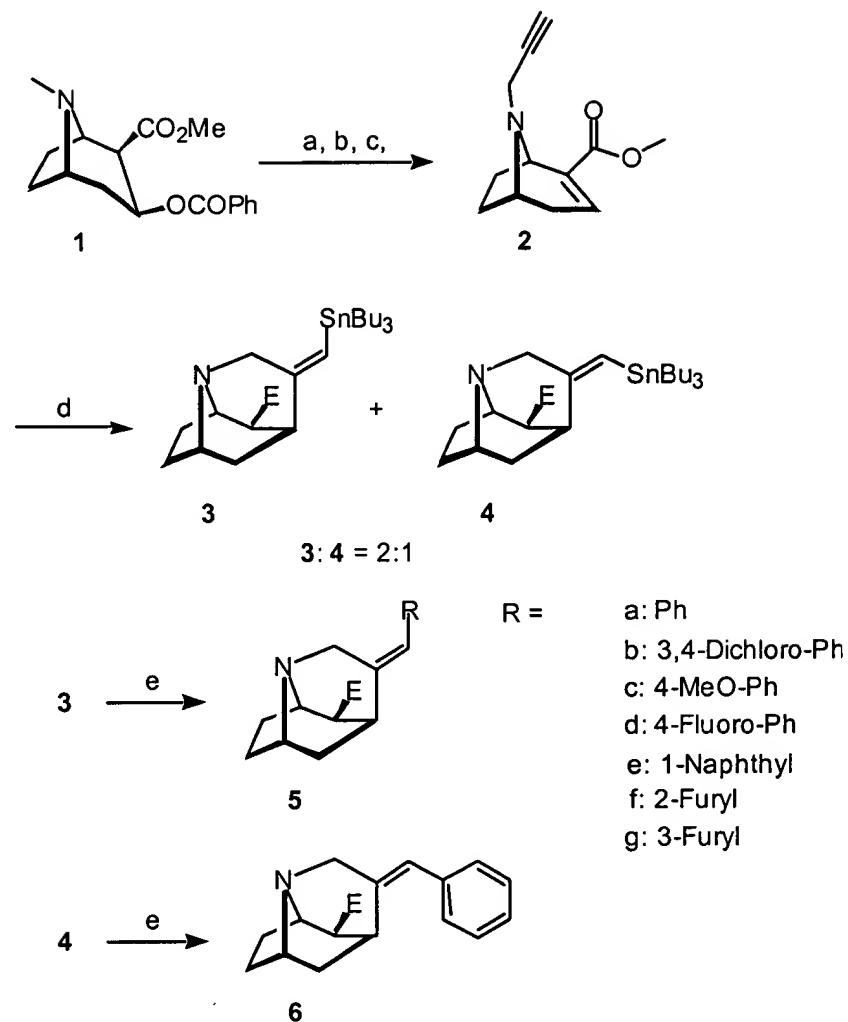


FIGURE 2

0 9 6 7 1 0 4 - 0 9 2 0 0 0



Reagents and conditions: (a)  $\text{CH}_3\text{CHClOCOCl}$ ; 1,2-DCE;  $\text{K}_2\text{CO}_3$ ; MeOH; 92% (b) propargyl bromide;  $\text{K}_2\text{CO}_3$ ; MeCN; 84% (c) 1N HCl;  $\text{POCl}_3$ ; MeOH;  $-78^\circ\text{C} \rightarrow \text{rt}$ ; 82% (d) AIBN;  $n\text{-Bu}_3\text{SnH}$ ; PhH; 73% (e) RI; CuI;  $(\text{o-Tol})_3\text{P}$ ;  $\text{Pd}_2(\text{dba})_3$ ; DMF; 8-65%.

**FIGURE 3**